



# When data meets design: Shaping the future of the university campus

*EverSmart Space drives revolutionary change in campus design at a leading European University*

Understanding the usage of your space is key to designing a smart campus for educational establishments. Working with a leading European university, EverSmart Space from Microshare has been developed to deliver data such as people counting and occupancy monitoring, removing the reliance on manual methods and enabling real-time and historical data analysis.

# What, how, why?

‘The health, safety and privacy of our students and staff is paramount. The EverSmart network solution has allowed us to expand our IoT sensor ranges to include condition based monitoring and Indoor Air Quality sensors.’

- Assistant Director of Estates, leading European university



## The challenge

The pandemic has had a profound impact on how higher education is delivered.

Increased requirements to provide safe and healthy campuses has created an urgent need for education providers to have accurate data to understand how their spaces are being occupied and used.

Traditional manual methods of measuring footfall and occupancy are costly and unable to provide accurate, ongoing data. The sector needs a new approach.



## The solution

Use of easy to deploy, LoRaWAN® battery-powered people counting and occupancy sensors to obtain anonymous data from multiple entry and exit points around the campus.

No cameras are used and no personally identifying data is collected. The data is delivered from the Microshare platform in clear, easy to understand dashboards enabling the University to make real-time and future decisions about their buildings.

EverSmart Space is a complete sensing to data solution.



## The outcome

This European university team now has accurate and consistent real-time and historical data on the usage of their spaces.

They now understand when spaces and buildings are busiest and have footfall data from around the campus for compliance with Health, Safety and Fire legislation.

They can provide data to support teaching plans and budgeting by demonstrating usage and occupancy.

The estates team now has the level of insight and understanding needed to manage and design spaces effectively, all at a fraction of the cost of other solutions

# What, how, why?

## Benefits include:

- A better understanding of how classrooms are being used
- Make informed scheduling decisions for classes
- Data-driven insight to right-size your real estate footprint
- No cameras. *Privacy first!*
- No disruption to building infrastructure. Sensors operate on long-life batteries and adhere to ceilings and walls.
- No WiFi or cellular charges
- Improved monitoring of health and safety
- Secure LoRaWAN bandwidth has no link to corporate networks
- Vital data for energy and cleaning efficiencies

## Sensors and gateways:



Occupancy / people counting sensors  
tailored for client demand



### About Microshare

Microshare® provides Smart Building data solutions at scale that bring safety, wellness, cost savings and sustainability to our clients' vital assets. Our EverSmart suite of solutions help lock in the lessons of the COVID-19 period while shedding new light on the true performance and utility of any real estate asset. EverSmart solutions prepare our clients for the demands of the modern commercial world.

For more information on EverSmart Space, contact: [sales@microshare.io](mailto:sales@microshare.io)